

Synthesis and Crystal Structure of a Novel Germatrane: 1-Bis(trimethylsilyl)aminogermatrane

Svetlana N. Nikolaeva^a, Klaus Megges^b, Jörg Lorberth^{b,*}, Valery S. Petrosyan^a

^a Chemistry Department, Moscow University, Vorob'eb'y Gory, 119899 Moscow, Russia

^b Fachbereich Chemie, Philipps-Universität, Hans-Meerwein-Straße,
D-35032 Marburg / Lahn, Germany

Z. Naturforsch. **53 b**, 973–976 (1998); received May 27, 1998

Hydroxy Germatrane, Bis(amino)stannylene, Amino Germatrane, X-Ray Data

1-Bis(trimethylsilyl)aminogermatrane (**3**), the first germatrane bearing an amino group at the germanium atom, was synthesized by the reaction of 1-hydroxygermatrane with bis[bis(trimethylsilyl)amino]stannylene (**1**). **3** has been characterised by ¹H, ¹³C, ²⁹Si NMR spectroscopy, elemental analysis, and by X-ray diffractometry.

* Reprint requests to Prof. Dr. J. Lorberth.